Alcove Node Card Replacement Procedure

1) The spare node cards are in 7W on a shelf R-3. The alcoves use a hinged panel type node card. I will describe it to you. It has a hinged silver panel about 1.5ft by 1.5ft. There is a PC board on it with a 9 pin D connector and there twelve 25 pin D connectors on it. There is also a red button on it and I think there is a green and red led on it. I cannot remember if there are 2 LED's or one.
2) Take that down to the alcove you are working in. You will need a key to open the rack door of the rack. There are correctors in the rack but the 208Vac is all covered. The DC is not covered. If you are working in a rack with sextupoles everything is covered so you should not have to lock anything out. Just confirm this by doing a visual for exposed bus bars but I am quite sure they are all covered.
3) Make sure MCR ramps all of these p.s.'s down to zero current (if you are in a corrector rack only) and puts them in the OFF state before you start work. Then you should lock out the 208Vac for this rack. The 208VAc is covered so the reason you are locking out the rack is because the DC is not covered. Since the DC is not covered I believe that after you lock out the supplies you just have to make sure you cannot turn them ON and that is your verification to work on the node card with only the DC bus exposed. If you were working on the 208VAC then you would have to verify the 208VAC with a meter. You should use the 208VAC PPE to throw the breaker.
4) The node card panel you remove will have 11 or 12 D connectors on it. They must go onto the new panel in the exact same place.
5) There are 2 dip switches on the PC board you must find. You must change the dip switches settings on the new node card to match the old one.
6) There is a 9 pin D connector that must come off the old node card and go on the new one.
7) Call Don Bruno if you have any questions or get stuck.
8) Before you leave MCR should make sure they can turn on the supplies (if they were correctors and you locked them out) and run them to 1 amp.